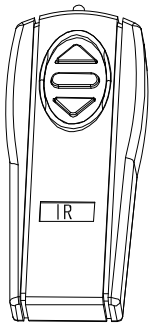
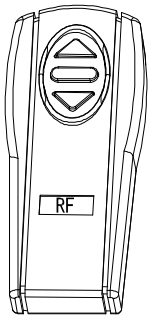
Electric Screen
Elite Home 2 series
Ver.1.6
Users Guide

www.elitescreens.com / eliteinfo@elitescreens.com

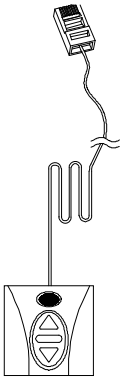
Accessories for Home 2 series



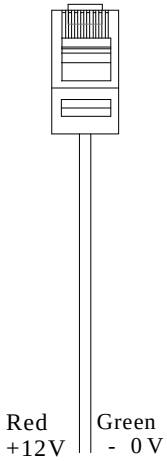
① IR



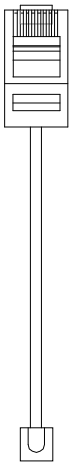
② RF



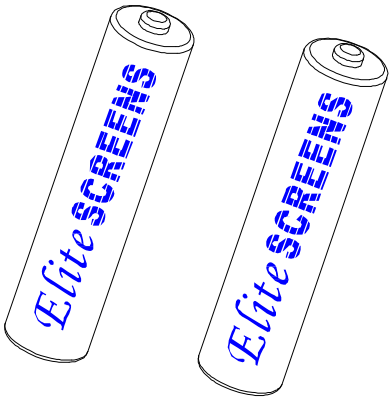
③ Wall box



④12V trigger

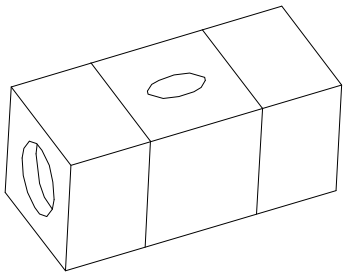


⑤ Eye receiver



⑥ Battery

Please always point to the eye receiver when using the IR remote



⑦ Bubble level

Important Safety and Warning Precautions

1. Be sure to read this manual before use and follow the procedures specified:

   - Please retain this manual for future reference.
   - To avoid any damage, do not use any accessories not recommended by the manufacturer. Handle the device carefully during transportation to avoid impact.
   - Do not put the device on uneven or inclined surfaces.
   - Do not put heavy objects on the power cord; affix the power cord properly to avoid someone tripping over it.
   - Never overload the power cord to prevent electrical shock or fire.
   - Guard the device from any liquid or foreign object to avoid electrical shock or fire due to loose contact or short circuit.

2. If any accessories need to be replaced, be careful to avoid a short circuit.

3. **There are no user serviceable parts in the device. Nobody except authorized technicians can open this device. To prevent the risk of electrical shock or fire, protect this device against moisture and rain.**

   - Make sure that the power source this device is connected to has a continuous power flow.
   - The rating label on the product indicates the rated voltage.
   - Do not handle the power plug when your hands are wet or your feet are in contact with water.

4. **Do not use this device under the following circumstances**:

   - Disconnect the power cord under the condition of heavy wind, rain, thunder or lightning.
   - Avoid direct sunshine, rain shower or moisture.
   - Keep away from fire sources and high temperature to prevent this device from overheating.
   - Cut off the power supply first before transportation or maintenance.

Warning

Individual modifications to this product are prohibited and will void the warranty. Please contact our Service Department for any questions.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

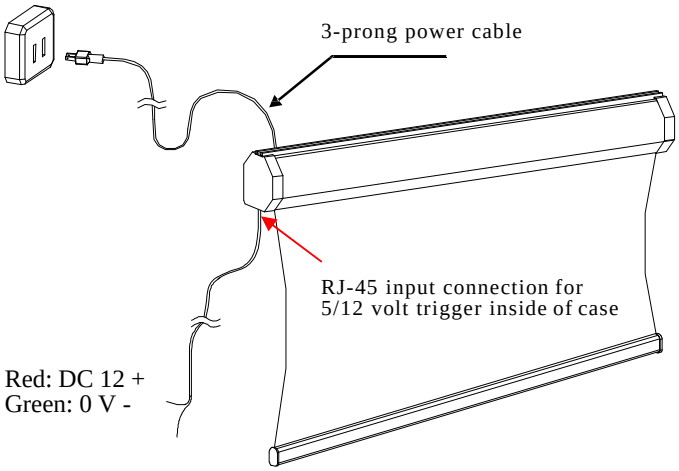
To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.

The power outlet supplying power to the unit should be close to the unit and easily accessible

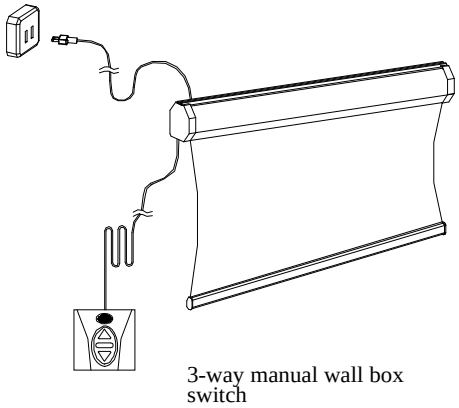
- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet using a circuit different from where the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

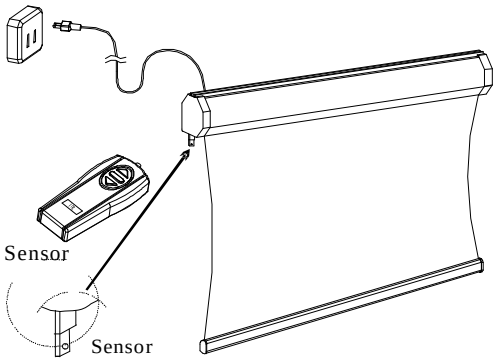
Control System

1. 5/12V Trigger: The built-in 5/12V trigger input for your new CineTension2 allows your screen to synchronize its drop and rise with the projector's power cycle. The screen drops when the projector powers up and retracts when the projector powers down. The 5/12 volt adaptor connects to your projectors trigger output via a separate cable that may or may not be provided by the projector manufacture. The trigger feature will not work without an output cable from the projector, but it can be tested using a 9-volt battery by simply connecting the Red (+) and Green (-) cable to the 9-volt battery.



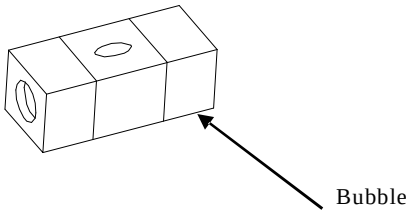
2. Wall Box and IR (Infrared) "eye" Receiver: The 3-way Wall Box switch enables the consumer to manually operate the screen's drop/rise capabilities. The IR "eye" protrudes from the bottom of the casing to present a low profile line-of-sight control option for your IR remote. It is a low-visibility alternative to using the wall box kit and its ability to protrude from the bottom of the screen allows line-of-sight control even in a recessed ceiling installation.





Sensor

3. Bubble Level: Included with the installation package is a small bubble level that can be useful in determining if the screen is perfectly level when installing.



NOTE : ① Please use the Down sign side as the bottom.

② The Bubble should be in the middle position to determine that it is level.

IMPORTANT SAFETY INSTRUCTIONS

Please read this guide prior to installation.

- Make sure the current rating is equal to that of the appliance rating when an extension cord is used.
- Do not use any accessories not provided by the manufacturer with this screen. We will not be responsible for any risks of fire, electric shock, or injuries resulting from the misuse of this product with accessories not designed for use with this product.
- Make sure the screen is mounted in a horizontal level position. We suggest consulting with a professional if you are unsure on how to perform a proper installation.

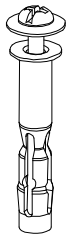
INSTALLATION

The CineTension 2 series screen is designed for installation on either a wall or ceiling. All hardware is included to allow either installation method however we do strongly recommend a professional installation for safety purposes. **The extruded hanging brackets are designed to slide anywhere on the back of the screen to accommodate a wall or ceiling installation and provide an easy alignment with wood studs and trusses.**

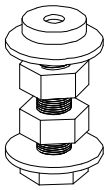
Please follow the steps below for recommended installation instructions.

Mounting Hardware Kit – Please make sure all of the following items have been supplied before proceeding installation.

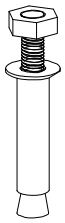
Parts identification:



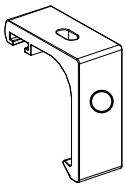
A
Qty 2 – Wood Screws
Qty 2 – Drywall Anchors



B
Qty 2 - Bolts

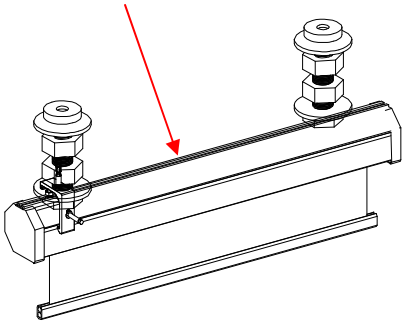


C
Qty 2 – Masonry screws
Qty 2 – Masonry anchors

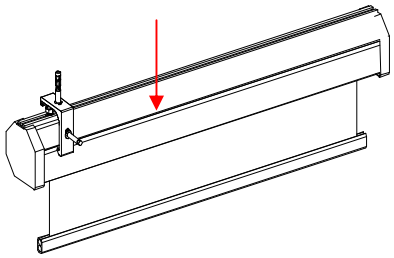


D
Qty 2 –Extruded Hanging Brackets

1. Begin by sliding the Bolts **(B)** thru the left and right **slide channel** located on the top back of the CineTension 2 screen's casing as shown on picture.

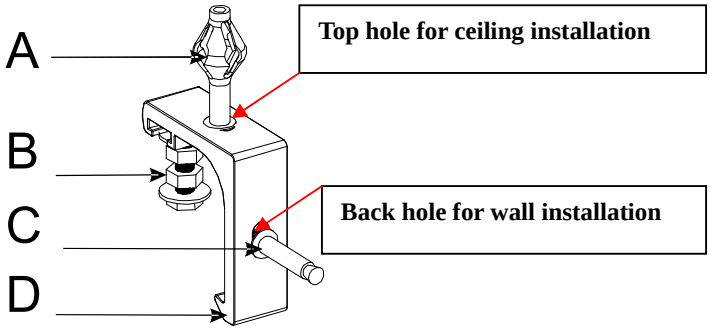


2. Slide the Extruded Hanging Brackets **(D)** thru the **rail** located below the slide channel until it meets with the top part of the bolts **(B)** and then slightly tighten the lug-nuts located on the top and bottom of the bolt with a wrench to secure the extruded hanging brackets.

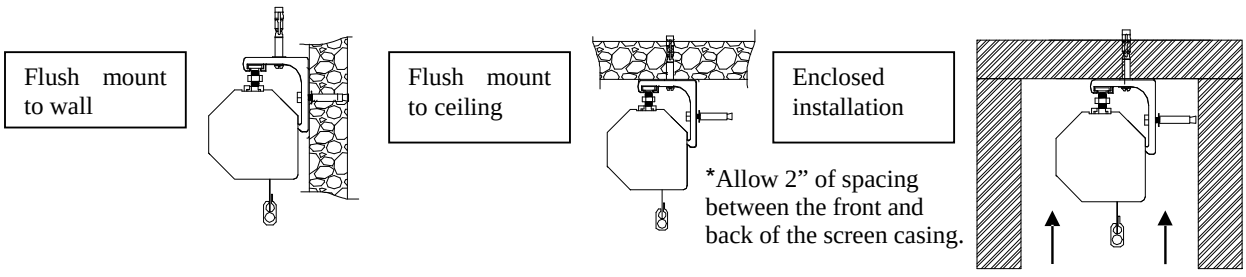


3. Mark the location of where the screen is to be installed and drill your hole. Insert the proper screw into the drilled hole and finish tightening the bolts to the bracket.

- Masonry Anchors and Bolts **(C)** are used on concrete/masonry wall/ceilings.
- Plastic drywall anchors **(A)** are included for drywall mounting.
- Wood screws **(A)** are to be used for wooden wall/ceiling studs on screen sizes less than or equal to 120" inches (diagonal).
- Masonry anchors **(C)** should be used for wall/ceiling installations of screen sizes greater than 120 inches (diagonal). We strongly advise to consult with a professional for such installation.

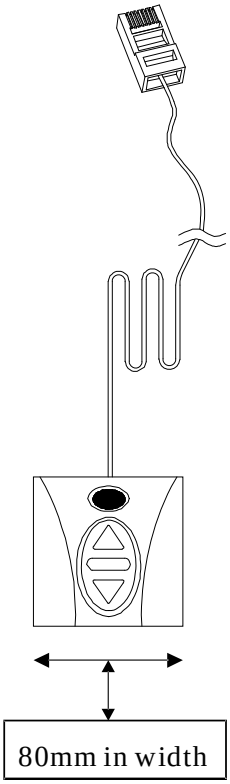


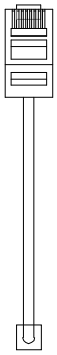
5. Examples of an installed CineTension 2 on a wall, ceiling and enclosed.



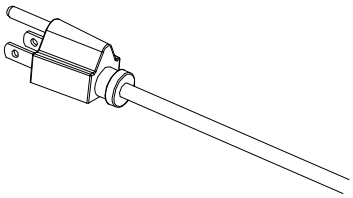
Power Cables and controls

The IR receiver will be connected from the screen



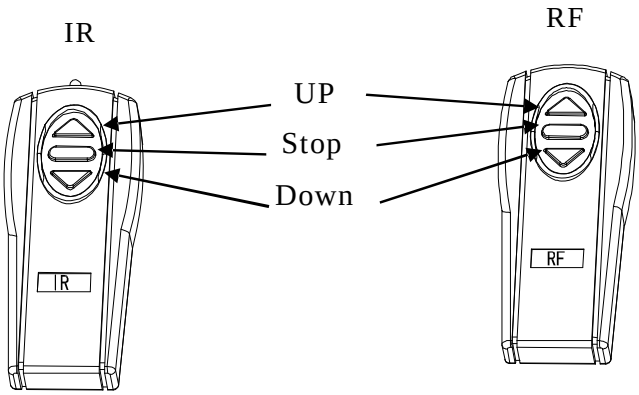


IR “eye” sensor
11.65 mm. in width



Power Cord
Approx. 6 ft. length

Although the IR remote requires a direct line of sight with the IR sensor to function, the screen’s case can be hidden from sight and operated using the RF remote. When depressing the directional buttons you should hear a faint click signifying that the mechanism is working properly.



This is the **IR** (Infra-Red) remote with a range of 15 Ft. Battery size AAA

This is the **RF** (Radio Frequency) remote with a range of 30 Ft. Battery size AAA

** Please remember to always point to the infra-red receiver when using the IR remote. The IR remote can also work with a Universal Learning Remote Control usually by programming the Screens IR codes in your Universal Learning Remote.

FAQ's

1. Q: Why does my screen no longer function?

   A: There are a few possible things you could check:

   A.) Make sure your wall plug has power and that the screen is properly plugged in.

   B.) Please check the fuse to y our screen. (Call Tech support for location of fuse)

   C.) If screen works well with the line switch but not with the remote control, make sure the remote control has good batteries in it.

   D.) Our electric screens with a tubular motor installed are equipped with a Thermal relay. This would include all Home (2, 3), Tension (1, 2, 3) series, and VMAX screens with a diagonal size above 180". This feature will automatically shut off screen in the event the motor becomes too hot, preventing overheating of the motor. To correct this, let screen alone for 10-15 minutes and try again.

2. Q: How is the screen material cleaned?

   A: The screen material can be cleaned with mild soap and water.

3. Q: What type of batteries do the remote controls require?
   A: The IR and RF remote controls use AAA alkaline batteries

4. Q: Can you manually pull down the screen?
   A: No, manually pulling down the screen will damage the electronic motor rolling system.

5. Q: How could I setup my Screens IR receiver to work with my learning remote control system? Do you have any IR codes I can use to achieve this?
   A: Our IR remote controls have been evaluated and entered in to the databases of some Universal remote control manufacturers. Please contact the manufacturer of your remote to inquire about your remotes ability to function with ours. If they have not evaluated our remote control then the following list of Binary codes will be used for most remote setups.

   For Spectrum, VMAX2 (Plus), Home2(3) and Tension2(3) Series
   Up: 1111 0000 0001
   Stop: 1111 0000 0010
   Down: 1111 0000 0100

6. Q: What is the gain on the matte white screen material?
   A: The matte white material has a gain of 1.1. For detailed specs, info please check our web-site for more detail

Note: For more Updated FAQ, please visit www.elitescreens.com

Warranty Policy - Electric Screens

Two (2) year warranty parts and labor from purchase date as follows (except for refurbished units as specified below):
Refurbished units carry a 90-day parts and labor warranty.
Demo units or open box items are AS IS items and do not carry a warranty.
Each party will be responsible for one way shipping during the warranty period.
DOA (Defective On Arrival): Must be reported within 7 business days of receipt. An RMA (Return Merchandise Authorization) number must be issued in order to process a replacement. Elite Screens will replace the DOA (Defective On Arrival) unit with a brand new replacement *(see exceptions below) after the DOA unit is received and/or confirmed defective. Once the product is received, Elite Screens will send out a new* unit to the customer by ground service (based on stock availability). Should a problem be reported after the 7-day grace period, the item must be shipped to us for warranty repair.
Missing Parts must be reported within the 7-day (DOA) grace period. If reported after 7 days, customer will be only responsible for shipping and handling fees. If reported after 30 days of receipt, customer is responsible for cost of the parts and shipping & handling fees.

*A new or refurbished replacement will be sent out to the customer depending on the type of purchase (new or refurbished) or based on stock availability.

Please do not return any unauthorized items to Elite Screens, as they will be refused.
The RMA number must be included on the outside label of your shipping box and shipping documents. Our warehouse is not authorized to accept returns without an RMA number on the shipping label. RMA numbers are valid for 45 days from the date of issue.

Warranty Policy-Damages

- All shipping damages must be reported within 7 business days upon receipt of the Product. After 7 days Customer is responsible for all incurred costs
- Inspect all shipments upon arrival. If damage or loss is apparent upon delivery do not accept the shipment until you make a notation of the damage on all copies of the carrier's delivery receipt and have the driver sign all copies to acknowledge the damage. Do not sign a clear receipt for damaged or missing items or there will be no basis for a claim. Ask the carrier to make a detailed inspection of the damage. File a claim with the carrier. Cooperate and follow up as necessary to secure final settlement
- Immediately advise Elite Screens of all damages or problems. Do not return merchandise to Elite Screens. File your claim with the carrier enclosing copies of the bill of lading (signed by the driver) and inspection report as support. Keep all packing materials and boxes with the damaged product. DO NOT throw any thing away. Although Elite Screens will provide any assistance possible we can not be responsible for the actual filing of claims on the carrier or accept liability for non-collectable freight claims

For Warranty and Service requests please fill out a RMA /Service Form at:
http://www.elitescreens.com/service_form.htm.
Please Visit this link for full Warranty information:
http://www.elitescreens.com/service.htm
For Customer Service and Technical questions, please contact Elite Screens at:
Telephone: (877)-511-1211 Fax: (562)-483-8498

REGISTER YOUR ELITE PRODUCT

Two ways to register your warranty with Elite Screens Inc.

A. On Line (Faster and Easier) www.elitescreens.com/register.htm

B. **Fill out & Fax to (562)483-8498, Attn: Customer Service Dept.**

***Your Name:** _____

Address: _____

City/State/Zip: _____

***Email Address:** _____

***Phone:** _____

***Screen Model:** _____

***Serial Number:** _____

***Date of Purchase:** _____

***Dealer/Reseller Purchased from (name of the reseller):** _____

What is your Projector Model:_____

Application: ___Home ___Education ____Corporation ____Government
___Others

How would you rate this screen? ____Excellent ___Good ___Ok ____Improvement needed

Comments: _____
_____
_____

If you have pictures of your screen you'd like to share with us, please email your pictures to:

Eliteinfo@elitescreens.com

Or call us at 877-511-1211 Sales and Marketing Div.

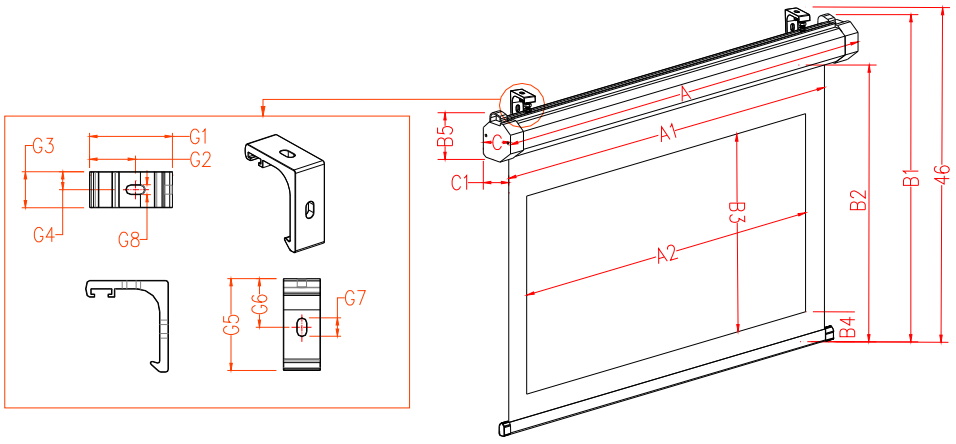
For any technical inquiries, please email to:
techsupport@elitescreens.com or 877-511-1211 Customer Service Div.

For any warranty claim inquires, please email to:
rma@elitescreens.com or 877-511-1211 Customer Service Div.

Elite Screens - Home2 Series Dimension Table

Unit: mm

Model	Screen Diag. & Aspec Ratio	Case L (A)	Screen W (A1)	Vew W (A2)	Bottom Edge Distance (B4)	Overall H (Exclude Case) (B2)	View H (B3)	Screen H (B1)	Overall H w/ Bracket (B)	End Cap Heigh (B5)	End Cap W (C)	Screen Material Edge to End Cap Distance (C1)	G1	G2	G3	G4	G5	G6	G7	G8
Home80IWS2	81"(1:1)	1684	1524	1448	69	1567	1448	1676	1717	94	97	23	70	37	22	12	74	40	20	10
Home100IWS2	101"(1:1)	2065	1905	1803	69	1923	1803	2032	2073	94	97	23	70	37	22	12	74	40	20	10
Home120IWS2	121"(1:1)	2421	2261	2159	69	2278	2159	2388	2428	94	97	23	70	37	22	12	74	40	20	10
Home135IWS2	135"(1:1)	2687	2527	2426	69	2545	2426	2654	2695	94	97	23	70	37	22	12	74	40	20	10
Home150IWS2	150"(1:1)	2954	2794	2692	69	2837	2692	2946	2987	94	97	23	70	37	22	12	74	40	20	10
Home165IWS	166"(1:1)	3317	3073	2972	81	3129	2972	3264	3315	116	128	24	87	47	35	18	103	55	20	10
Home200IWS2	200"(1:1)	3950	3693	3592	81	3825	3592	3960	4011	116	128	24	87	47	35	18	103	55	20	10
Home75IWV2	75"(4:3)	1760	1600	1524	69	1262	1143	1372	1412	94	97	23	70	37	22	12	74	40	20	10
Home90IWV2	90"(4:3)	2065	1905	1829	69	1491	1372	1600	1641	94	97	23	70	37	22	12	74	40	20	10
Home100IWV2	100"(4:3)	2294	2134	2032	69	1643	1524	1753	1793	94	97	23	70	37	22	12	74	40	20	10
Home120IWV2	120"(4:3)	2700	2540	2438	69	1948	1829	2057	2098	94	97	23	70	37	22	12	74	40	20	10
Home135IWV2	135"(4:3)	3005	2845	2743	69	2202	2057	2311	2352	94	97	23	70	37	22	12	74	40	20	10
Home150IWV2	150"(4:3)	3310	3150	3048	81	2443	2286	2553	2593	94	97	23	70	37	22	12	74	40	20	10
Home180IWV2	180"(4:3)	4016	3759	3658	69	2888	2743	3023	3073	116	128	24	87	47	35	18	103	55	20	10
Home75IWH2	75"(16:9)	1895	1737	1660	69	1103	933	1212	1253	94	97	23	70	37	22	12	74	40	20	10
Home75IWH2-E30	75"(16:9)	1895	1737	1660	69	1764	933	1873	1913	94	97	23	70	37	22	12	74	40	20	10
Home90IWH2	90"(16:9)	2230	2068	1991	69	1291	1121	1400	1441	94	97	23	70	37	22	12	74	40	20	10
Home90IWH2-E30	90"(16:9)	2230	2068	1991	69	1952	1121	2061	2101	94	97	23	70	37	22	12	74	40	20	10
Home100IWH2	100"(16:9)	2477	2316	2215	69	1415	1245	1524	1565	94	97	23	70	37	22	12	74	40	20	10
Home100IWH2-E24	100"(16:9)	2477	2316	2215	69	1923	1245	2032	2073	94	97	23	70	37	22	12	74	40	20	10
Home120IWH2	120"(16:9)	2929	2758	2656	69	1664	1494	1773	1814	94	97	23	70	37	22	12	74	40	20	10
Home120IWH2-E24	120"(16:9)	2929	2758	2656	69	2172	1494	2281	2322	94	97	23	70	37	22	12	74	40	20	10
Home135IWH2	135"(16:9)	3259	3091	2989	69	1851	1681	1960	2001	94	97	23	70	37	22	12	74	40	20	10
Home135IWH2-E24	135"(16:9)	3259	3091	2989	69	2359	1681	2468	2509	94	97	23	70	37	22	12	74	40	20	10
Home150IWH2	150"(16:9)	3589	3421	3321	69	2037	1867	2146	2187	94	97	23	70	37	22	12	74	40	20	10
Home150IWH2-E24	150"(16:9)	3589	3421	3321	69	2545	1867	2654	2695	94	97	23	70	546	22	12	74	40	20	10
Home180IWH2	180"(16:9)	4272	4087	3985	81	2425	2242	2560	2610	116	128	24	87	47	35	18	103	55	20	10
Home180IWH-E24	180"(16:9)	4272	4087	3985	81	2934	2242	3068	3119	116	128	24	87	47	35	18	103	55	20	10

Unit: inch

Model	Screen Diag. & Aspec Ratio	Case L (A)	Screen W (A1)	Vew W (A2)	Bottom Edge Distance (B4)	Overall H (Exclude Case) (B2)	View H (B3)	Screen H (B1)	Overall H w/ Bracket (B)	End Cap Heigh (B5)	End Cap W (C)	Screen Material Edge to End Cap Distance (C1)	G1	G2	G3	G4	G5	G6	G7	G8
Home80IWS2	81"(1:1)	66.3	60	57	2.7	61.7	57	66	67.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home100IWS2	101"(1:1)	81.3	75	71	2.7	75.7	71	80	81.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home120IWS2	121"(1:1)	95.3	89	85	2.7	89.7	85	94	95.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home135IWS2	135"(1:1)	105.8	99.5	95.5	2.7	100.2	95.5	104.5	106.1	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home150IWS2	150"(1:1)	116.3	110	106	2.7	111.7	106	116	117.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home165IWS	166"(1:1)	130.6	121	117	3.2	123.2	117	128.5	130.5	4.6	5.0	0.94	3.43	1.85	1.38	0.69	4.06	2.17	0.79	0.39
Home200IWS2	200"(1:1)	155.5	145.4	141.4	3.2	150.6	141.4	155.9	157.9	4.6	5.0	0.94	3.43	1.85	1.38	0.69	4.06	2.17	0.79	0.39
Home75IWV2	75"(4:3)	69.3	63	60	2.7	49.7	45	54	55.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home90IWV2	90"(4:3)	81.3	75	72	2.7	58.7	54	63	64.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home100IWV2	100"(4:3)	90.3	84	80	2.7	64.7	60	69	70.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home120IWV2	120"(4:3)	106.3	100	96	2.7	76.7	72	81	82.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home135IWV2	135"(4:3)	118.3	112	108	2.7	86.7	81	91	92.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home150IWV2	150"(4:3)	130.3	124	120	3.2	96.2	90	100.5	102.1	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home180IWV2	180"(4:3)	158.1	148	144	2.7	113.7	108	119	121	4.6	5.0	0.94	3.43	1.85	1.38	0.69	4.06	2.17	0.79	0.39
Home75IWH2	75"(16:9)	74.6	68.4	65.4	2.7	43.4	36.7	47.7	49.3	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home75IWH2-E30	75"(16:9)	74.6	68.4	65.4	2.7	69.4	36.7	73.7	75.3	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home90IWH2	90"(16:9)	87.8	81.4	78.4	2.7	50.8	44.1	55.1	56.7	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home90IWH2-E30	90"(16:9)	87.8	81.4	78.4	2.7	76.8	44.1	81.1	82.7	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home100IWH2	100"(16:9)	97.5	91.2	87.2	2.7	55.7	49.0	60.0	61.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home100IWH2-E24	100"(16:9)	97.5	91.2	87.2	2.7	75.7	49.0	80.0	81.6	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home120IWH2	120"(16:9)	115.3	108.6	104.6	2.7	65.5	58.8	69.8	71.4	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home120IWH2-E24	120"(16:9)	115.3	108.6	104.6	2.7	85.5	58.8	89.8	91.4	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home135IWH2	135"(16:9)	128.3	121.7	117.7	2.7	72.9	66.2	77.2	78.8	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home135IWH2-E24	135"(16:9)	128.3	121.7	117.7	2.7	92.9	66.2	97.2	98.8	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home150IWH2	150"(16:9)	141.3	134.7	130.7	2.7	80.2	73.5	84.5	86.1	3.7	3.8	0.91	2.76	1.46	0.87	0.47	2.89	1.57	0.79	0.39
Home150IWH2-E24	150"(16:9)	141.3	134.7	130.7	2.7	100.2	73.5	104.5	106.1	3.7	3.8	0.91	2.76	21.5	0.87	0.47	2.89	1.57	0.79	0.39
Home180IWH2	180"(16:9)	168.2	160.9	156.9	3.2	95.5	88.3	100.8	102.8	4.6	5.0	0.94	3.43	1.85	1.38	0.69	4.06	2.17	0.79	0.39
Home180IWH-E24	180"(16:9)	168.2	160.9	156.9	3.2	115.5	88.3	120.8	122.8	4.6	5.0	0.94	3.43	1.85	1.38	0.69	4.06	2.17	0.79	0.39